



Collier

1

Fig. 1.

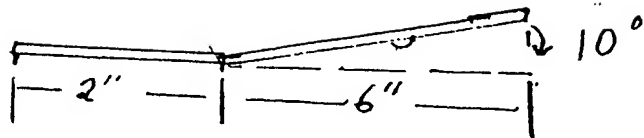


Fig. 2.

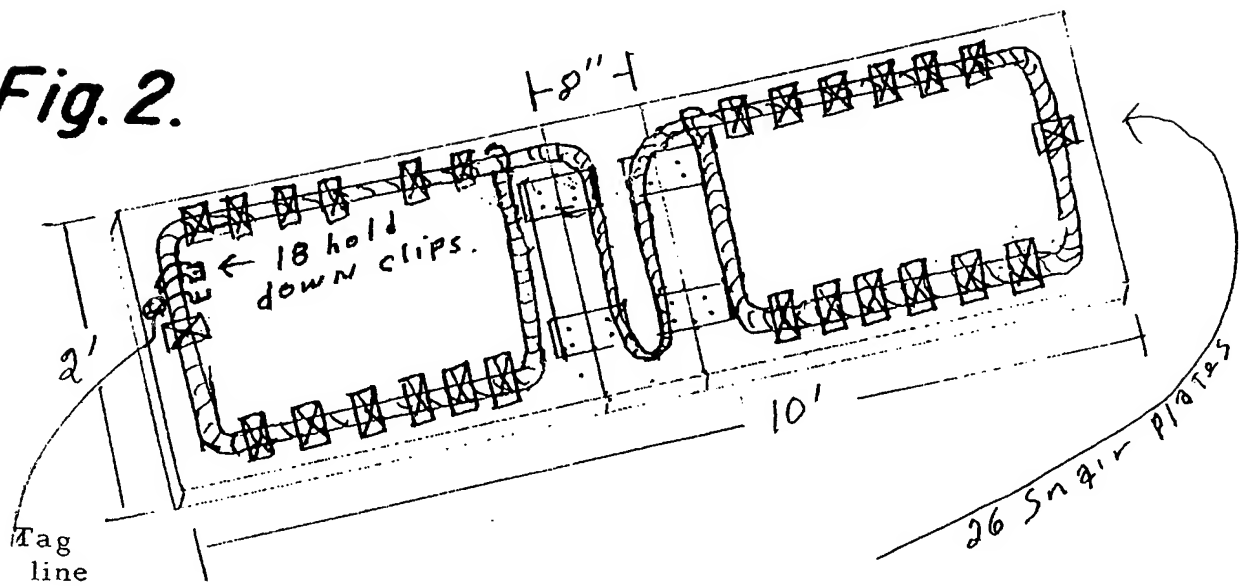
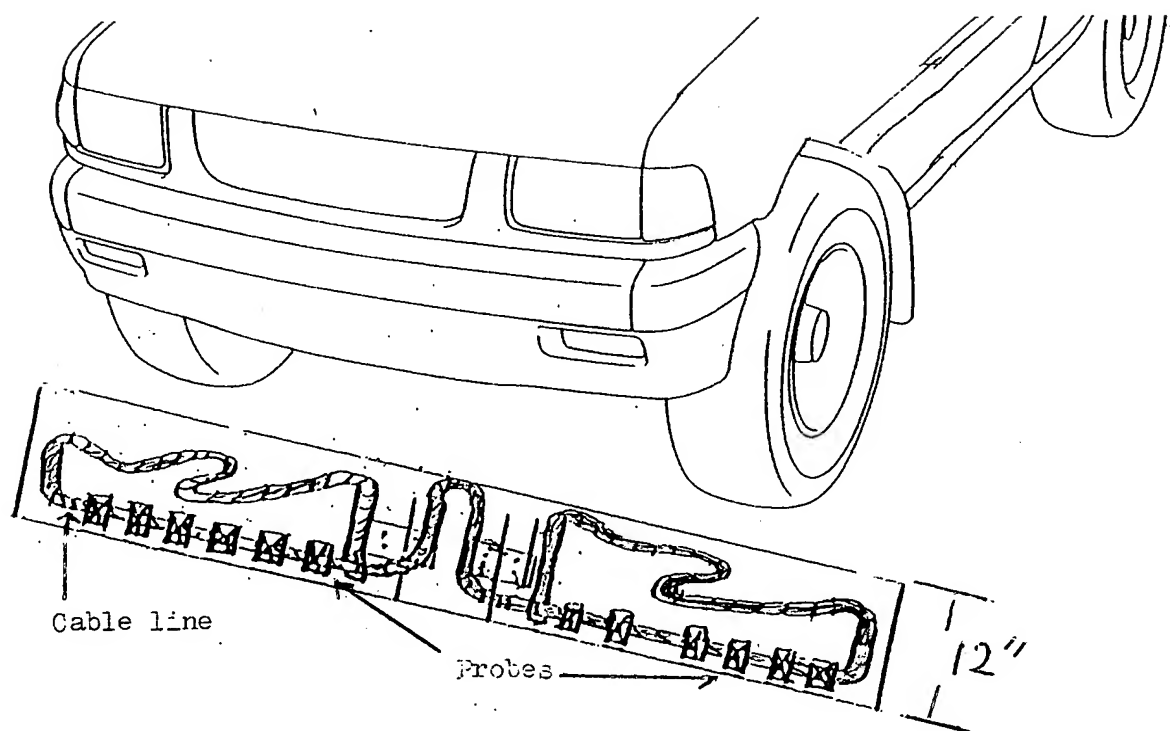


Fig. 3.



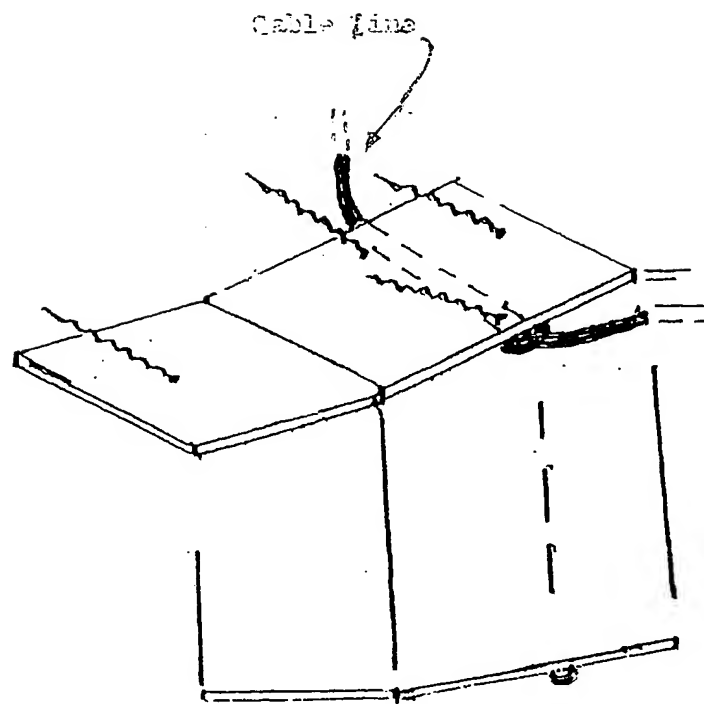


FIG. 4

replacement view

Collier

4

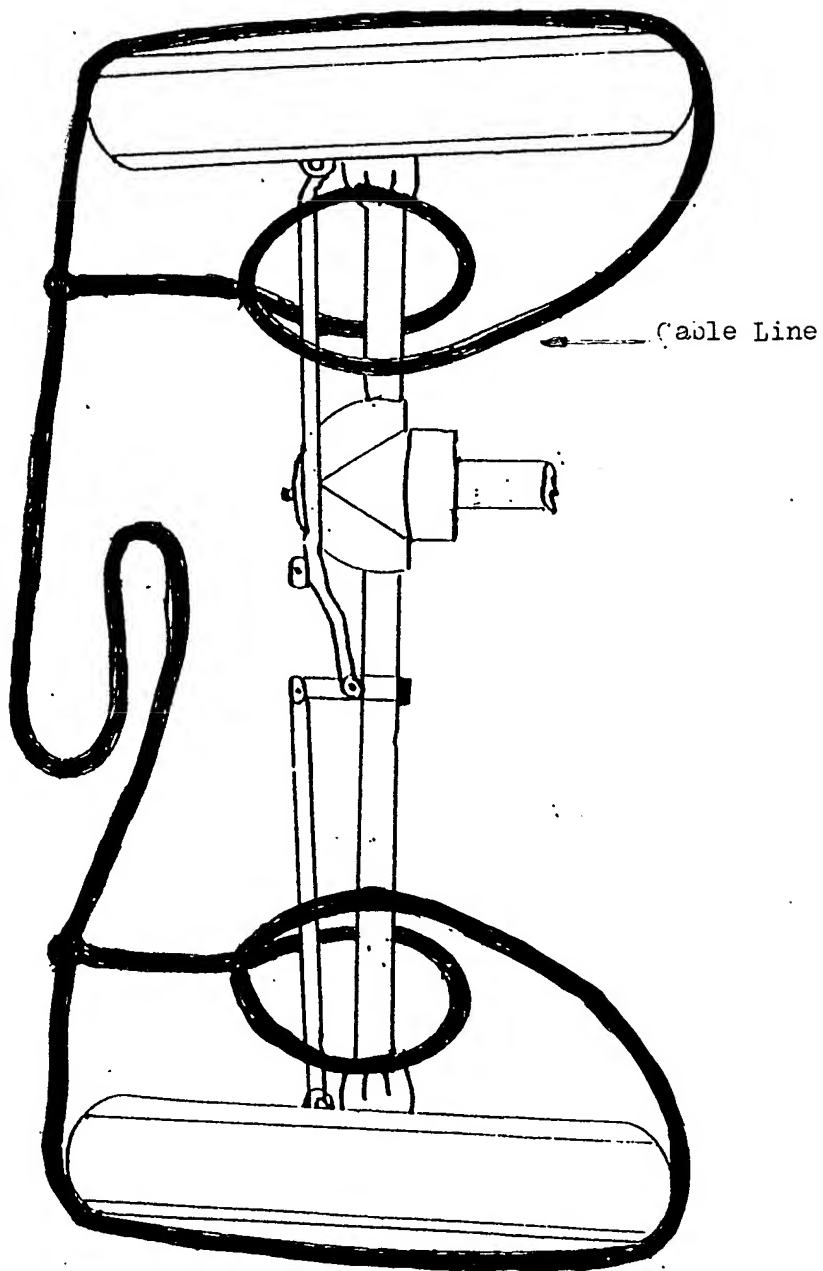


FIG. 5

COLLIER AUTOMOBILE WHEEL AND TRACK SNARE

replaced view

replacement view

5

Fig. 6.

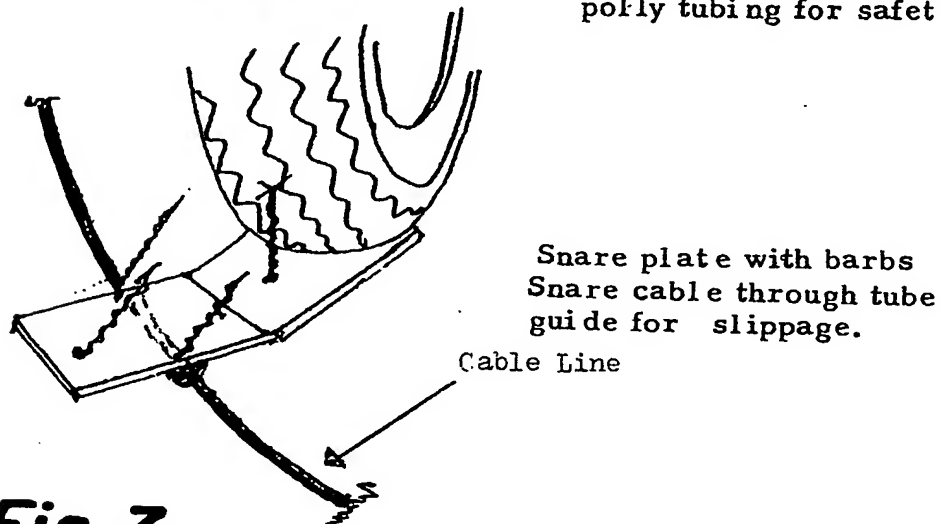
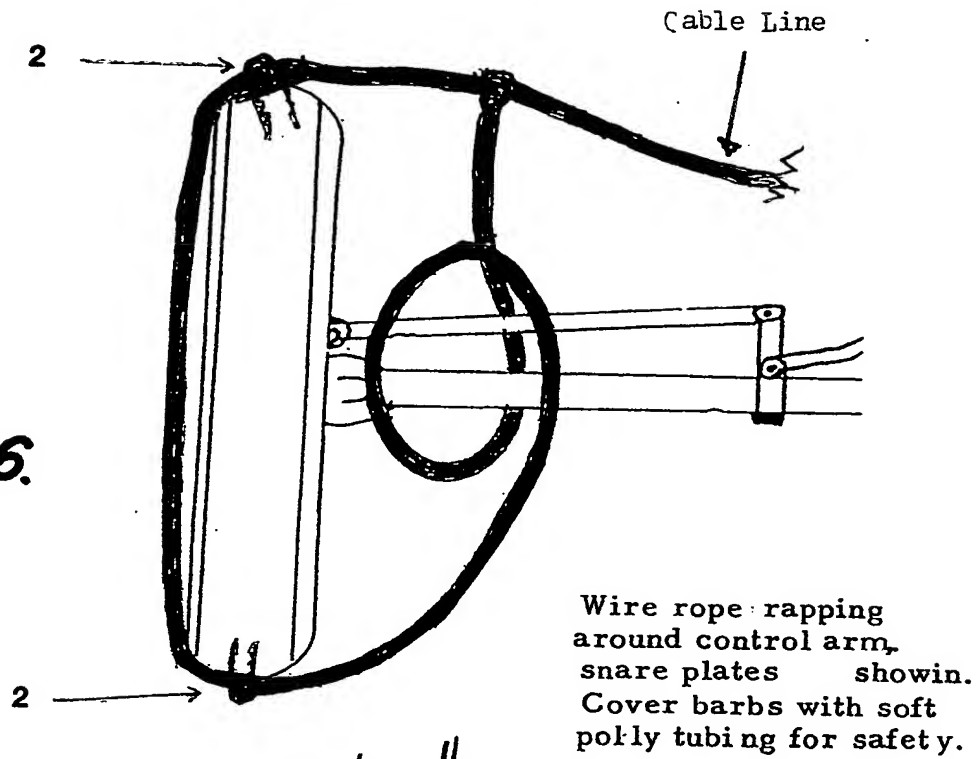


Fig. 7.

replacement wire

Collar

No. two, base plates with barbs

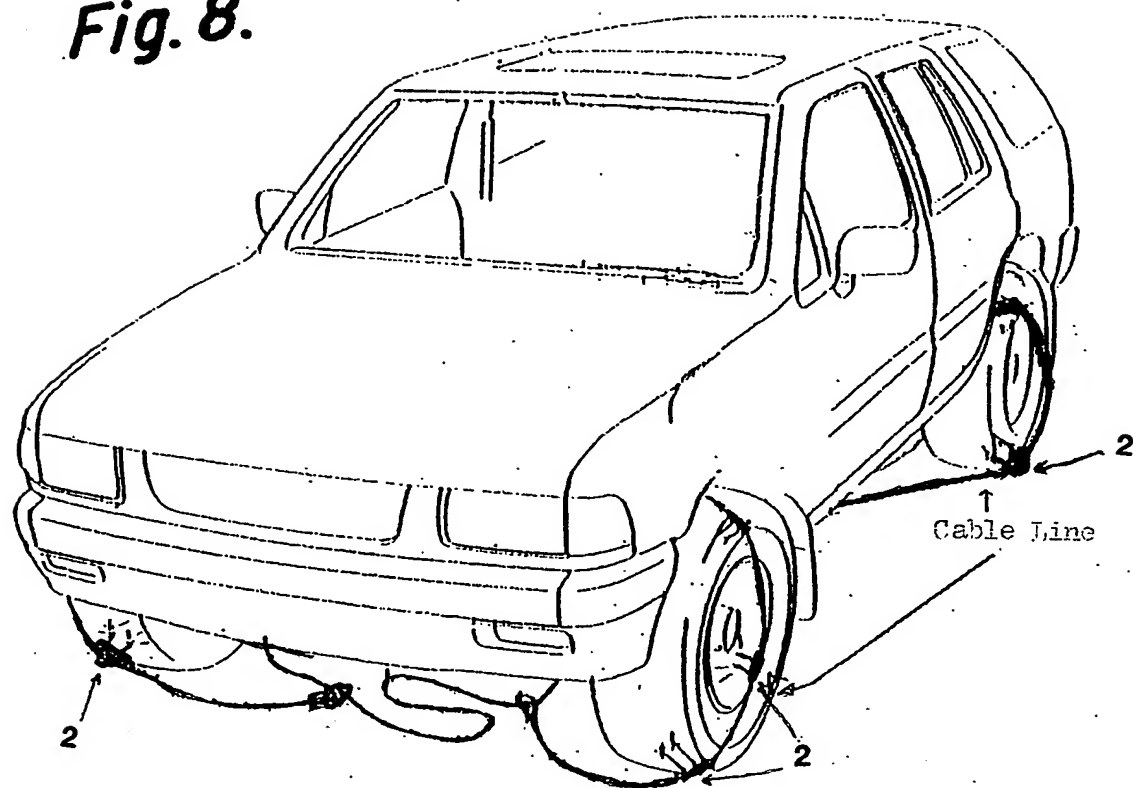
Fig. 8.

Fig. 9.

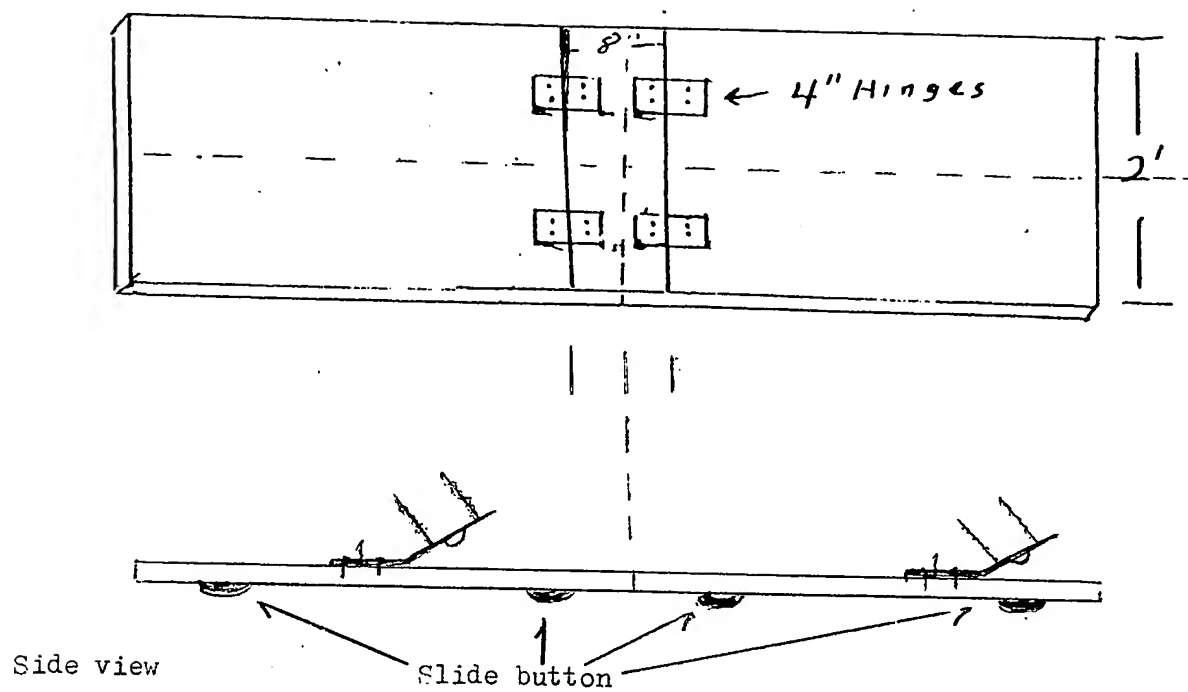
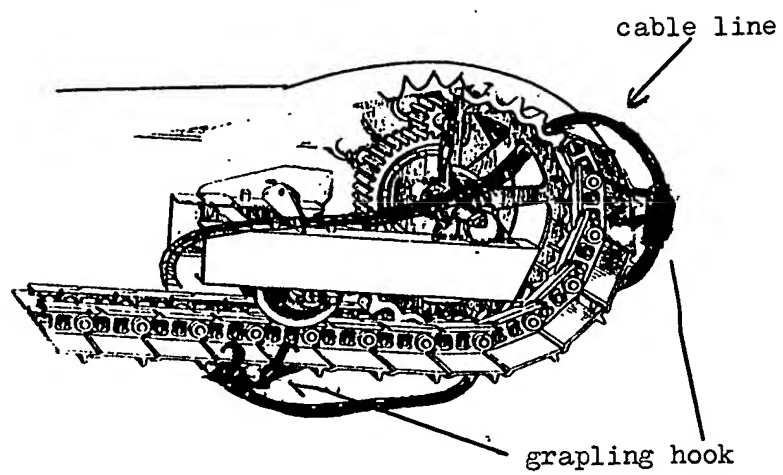


Fig. 10.





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NEW - FILING DATE 3-29-2004 APPL NO. ~~10-811-799~~ 10-811-799

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ABSTRACT

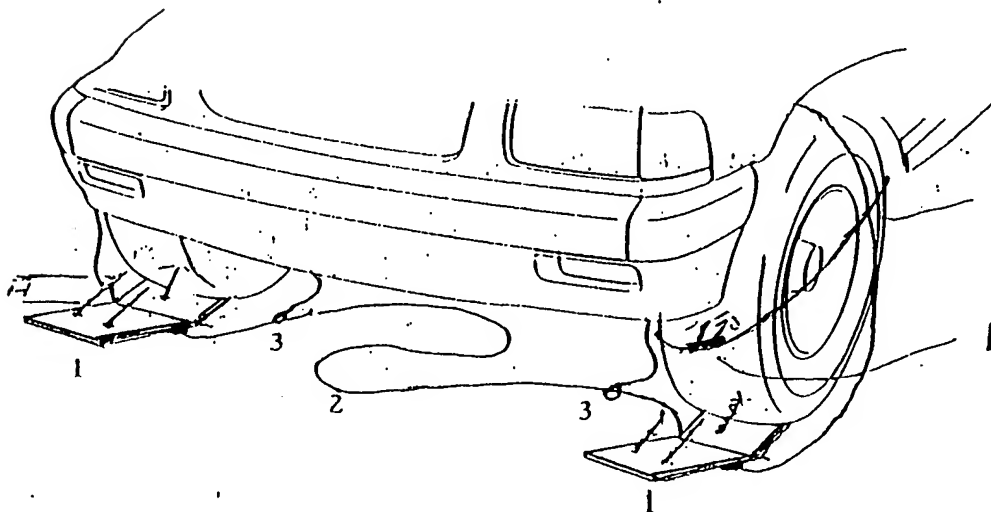
Collier
Claim 1

6-29-04

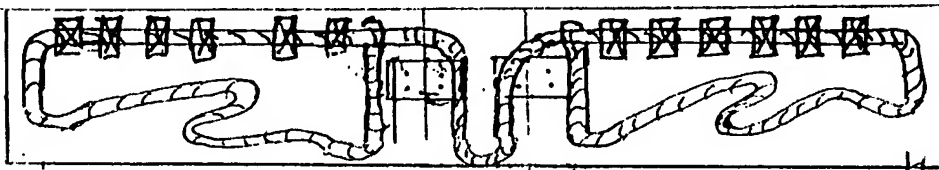
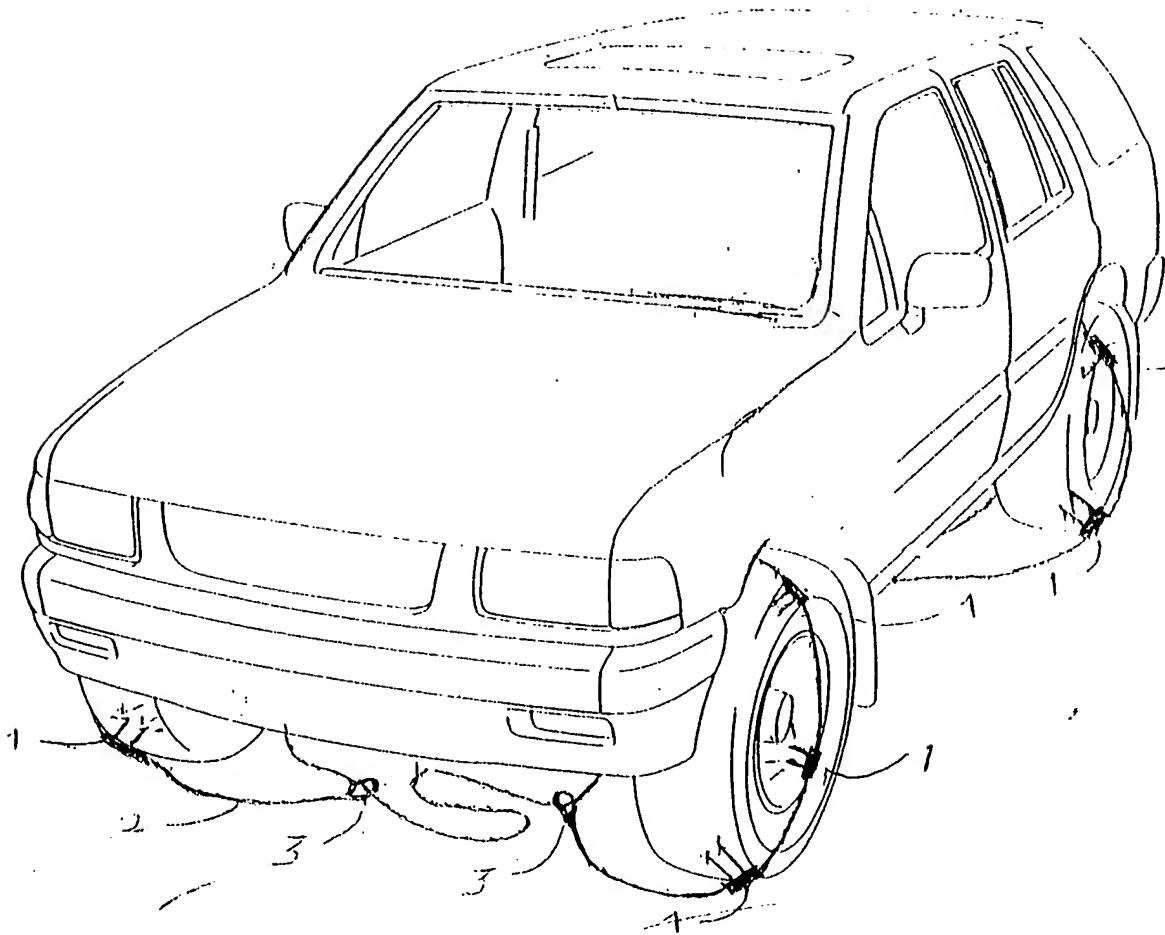
What I claim to be my invention is a vehicle disabling stopping device that will bring vehicle to a very quick stop. A one to ton vehicle regardless of the wheel or track configuration. This is accomplished by using aircraft type cable laced through guide tubes welded to base plates that have two to four tire probes attached to base plates, on track driven vehicle grappling hooks are used. When vehicle engages the device the probes lock on to the tire solid or inflated. On track driven hooks lock on to track shoe and drive sprocket wheels. Cable ends are fashioned with a running boline using a double clevis for heavy vehicle. The cable coils around spinning wheels and track shorting the cable until it chocks the wheels control arms drive axles and sprocket wheels.

6 Drawing Sheets

3 Claims



COLLIER



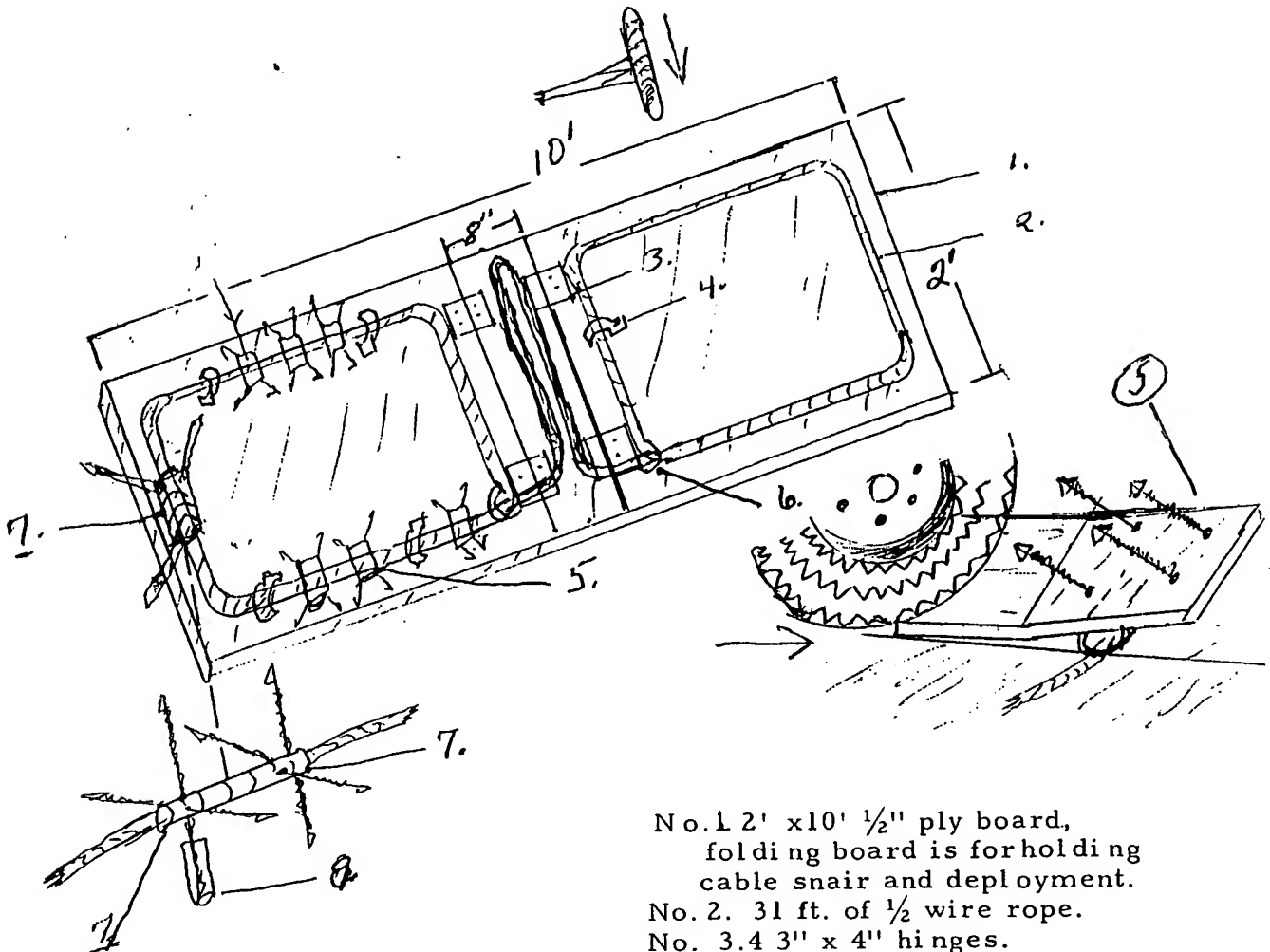
SET AT $\frac{1}{2}$ UNIT.

"COLLIER AUTOMOBILE WHEEL SNAIR"

05/14/99
02/14/2000

60/136,142

Vehicle direction.



No. 1. 2' x 10 1/2" ply board,
folding board is for holding
cable snair and deployment.

No. 2. 31 ft. of 1/2 wire rope.

No. 3. 4 3" x 4" hinges.

No. 4. 16 2" cable hold down
clips.

No. 5. 56 4"x8" steel plate 3/8 "
thick. With three 3 in. x
5/16" tapered steel barbs.
Plate has 4 1/2" spindle for
cable to pass through and 3" x
4" toe plate to hold spikes
against tire. Spikes will
penetrate tire at different
angle causing grip. Toe
plate set at 10 degree angle.

No. 6. Slip knot for sinching
effect on wheel and tire.

No. 7. Out side multi barbed
cylinder for locking
into tire and wheel.

Cylinder is 1/2 x 6". 8 3 1/2" barbs
set at 5 inches apart and 90
degree angle.

S. COLLIER

Inventor Ace R Collier.

Inception, May 7, 1998.

This inception can be used on
military tanks.

Ace R Collier
May 7, 1999
2004

(CONT'D)

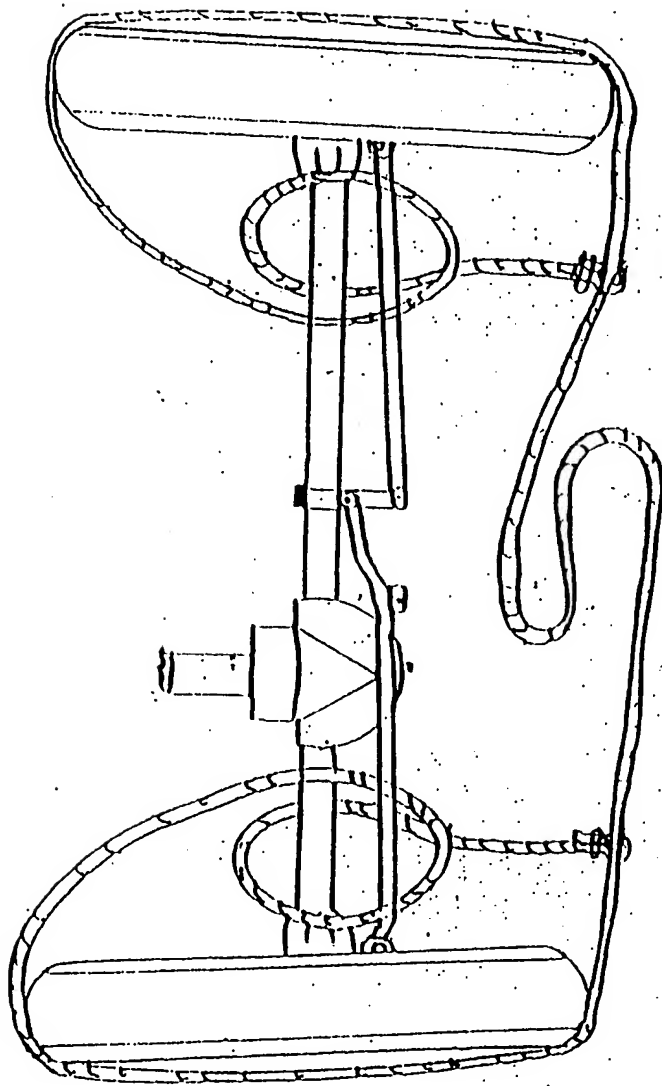


FIG. 5

APPL. NO. 60/135,142

APPL. NO. 09/507,914

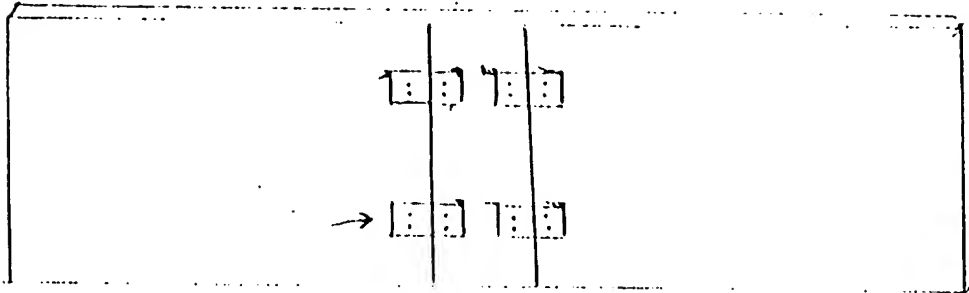


FIG. 2

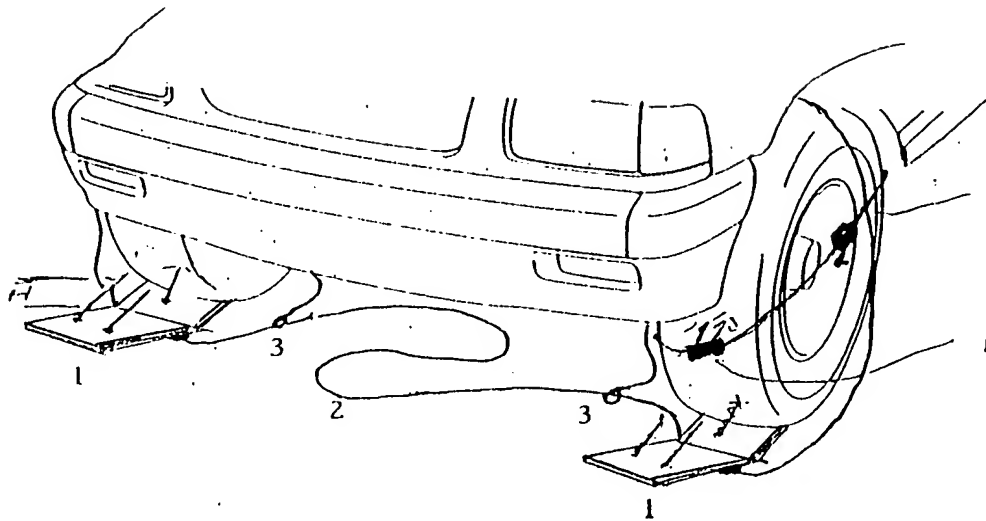


FIG. 3

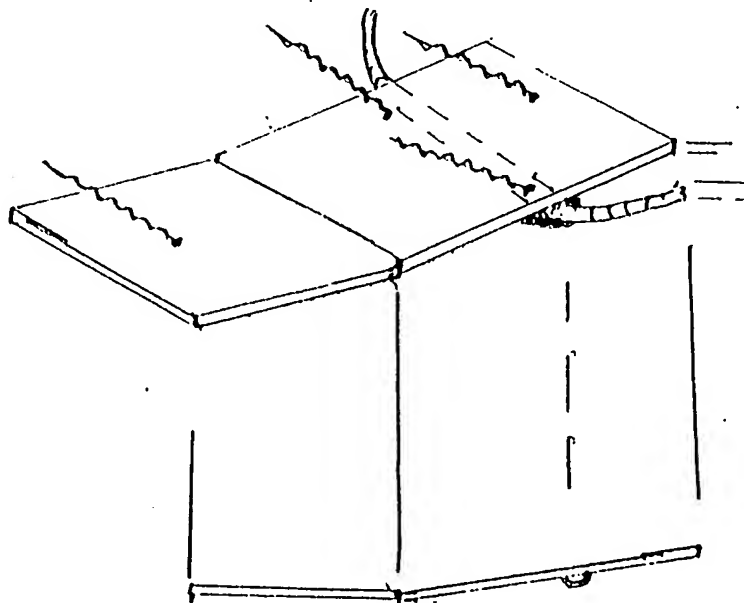
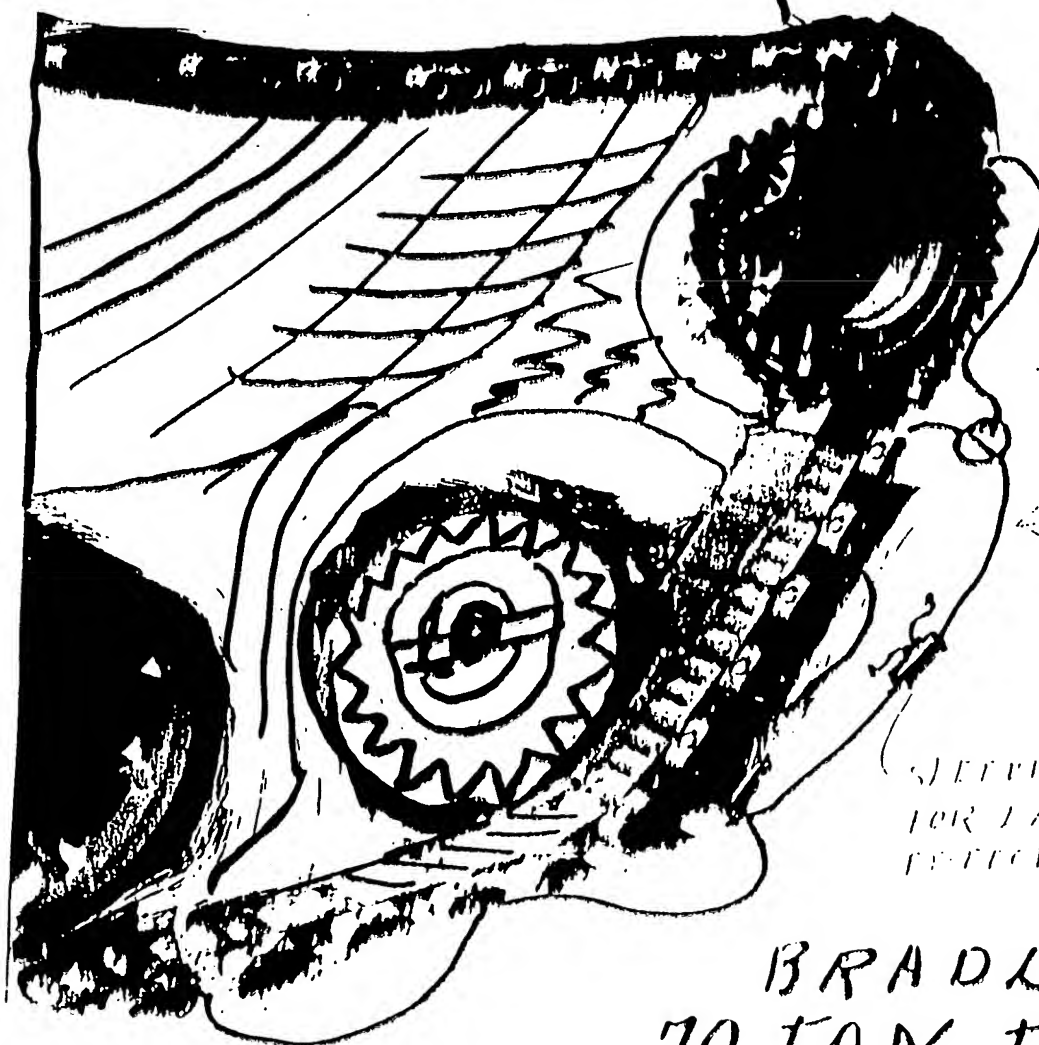
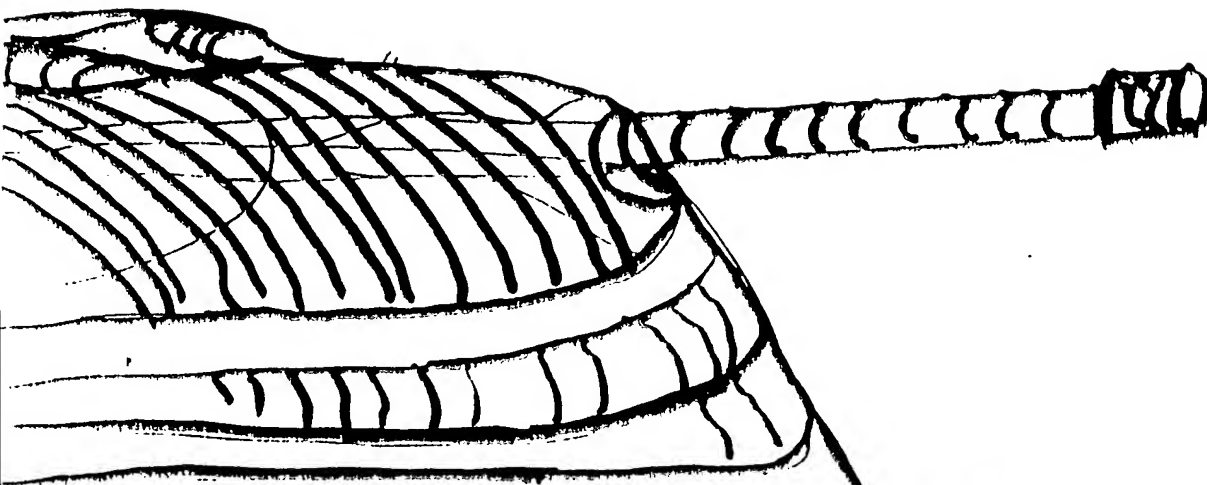


FIG. 4

FIG. 1

WHEEL AND TRACK SNARE



STAINLESS
STEEL
CABLE WITH
BASE PLATE
AND GRIPPING
HOOKS

STEEL
FOR LASSO
EFFECT

LESS
DISLOYMENT
BOARD.

BRADLEY
70 TON TANK.

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